

1/5/1

DIALOG(R)File 347:JAPIO

(c) 1998 JPO & JAPIO. All rts. reserv.

04931366

ARTIFICIAL LACRIMA FOR OPHTHALMOLOGY

PUB. NO.: 07-223966 [JP 7223966 A]

PUBLISHED: August 22, 1995 (19950822)

INVENTOR(s): IWADARE YASUHIKO

APPLICANT(s): SEIKO EPSON CORP [000236] (A Japanese Company or Corporation)
JP (Japan)

APPL. NO.: 06-014658 [JP 9414658]

FILED: February 08, 1994 (19940208)

INTL CLASS: [6] A61K-038/00; A61K-009/08; A61K-031/73

JAPIO CLASS: 14.4 (ORGANIC CHEMISTRY -- Medicine); 14.1 (ORGANIC CHEMISTRY
-- Organic Compounds)

ABSTRACT

PURPOSE: To provide an artificial lacrima useful for dry eye patients, contact lens users and ophthalmopathy patients, excellent in solubility in water, biocompatibility, bactericidal characteristics, etc., by using a specific peptide as an essential ingredient.

CONSTITUTION: This artificial lacrima contains a hydrolyzed collagen peptide, e.g. one having 800-5000 average molecular weight, and further, preferably, a chitosan hydrolyzed component having 1000-8000 molecular weight. Here, the objective lacrima can contain a usual buffer agent, an osmotic pressure keeping agent, an antioxidant, an anti-inflammatory agent, etc.